FORTH Stack

delta
(input)

we
(input)

wd
(input)

rd
(output)

stack
wr addr

Waddr != 0
or d1 = 0

en

+

wr

din

wr addr

!= 0

and

Raddr != 0
or d1 = 0

Simple
dual port
ram

en

+

rd addr

dout

stack
rd addr